

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Robert J. Sweeney et al. Examiner: George Walton  
Serial No.: 10/734,327 Group Art Unit: 3753  
Filed: December 12, 2003 Docket: 279.188US2  
Title: CURVATURE BASED METHOD FOR SELECTING FEATURES FROM AN  
ELECTROPHYSIOLOGIC SIGNALS FOR PURPOSE OF COMPLEX  
IDENTIFICATION AND CLASSIFICATION

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. § 1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

The present application is either a U.S. national patent application filed after June 30, 2003 or an international application that entered the national stage under 35 U.S.C. § 371 after June 30, 2003. Thus, Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

ROBERT J. SWEENEY ET AL.

By their Representatives,

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Date Sep. 9, 2004

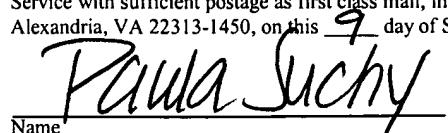
By



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Timothy E. Bianchi  
Reg. No. 39,610

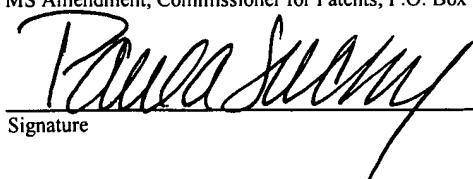
CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of September, 2004.

Name



\_\_\_\_\_  
Paula Suchy

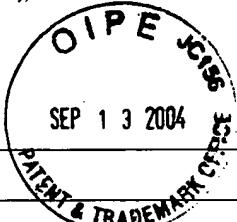
Signature



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Robert J. Sweeney

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<i>Complete if Known</i>	
		<b>Application Number</b>	10/734,327
		<b>Filing Date</b>	December 12, 2003
		<b>First Named Inventor</b>	Sweeney, Robert
		<b>Group Art Unit</b>	3753
		<b>Examiner Name</b>	Walton, George
Sheet 1 of 1		Attorney Docket No: 279.188US2	

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-6,684,100	01/27/2004	Sweeney, Robert J., et al.	600	517	10/31/2000

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SWEENEY, ROBERT J., "SIGNAL COMPRESSION BASED ON CURVATURE PARAMETERS", Application Serial No. 10/607,820, Filed June 27, 2003 Attorney Docket No. 279.635US1, 50 pgs.	
		SWEENEY, ROBERT J., et al., "TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS", Application Serial No. 10/607,818, Filed June 27, 2003 Attorney Docket No. 279.636US1, 59 pgs.	

**EXAMINER****DATE CONSIDERED**